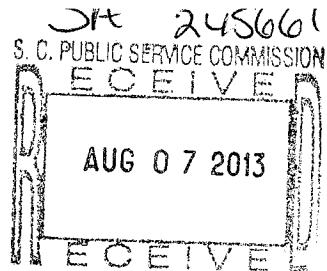




DP8/13



2006-192-E

August 5, 2013

The Honorable Jocelyn Boyd
Chief Clerk and Administrator
The Public Service Commission of South Carolina
Post Office Drawer 11649
Columbia, South Carolina 29211

Dear Ms. Boyd:

We are enclosing a copy of information related to fuel costs as required by the Public Service Commission of South Carolina, Order Number 79-21, Docket Number 18,362 dated January 15, 1979.

Sincerely,

Allen Rooks

pl

Enclosures

c: John W. Flitter, Director of Electric & Gas Regulation, Office of Regulatory Staff
Jay Jashinsky, Director of Auditing, Office of Regulatory Staff
Scott Elliott, Esquire
Damon E. Xenopoulos, Esquire
Catherine Taylor, Esquire (C222)
K. Chad Burgess, Esquire (C222)
Mark Cannon (C101)
Michael Shinn (B221)
Paul Weiland (B221)



RATE SERVICES DEPARTMENT

Subject: Factor for Computing
Over/Under Recovery

Date: July 11, 2013

To: Lisa Honeycutt (B131) From: Allen Rooks
D & T Auditors (Lauren Hubert & Kayla Outing)
Dow Bailey (B203)

The following is a computation of the over/under recovery revenue factor for sales in June 2013.

1. Total Cost of Fossil Fuel Burned	\$63,014,844.16
2. Nuclear Fuel Costs	\$5,277,010.99
3. Purchased & Interchange Power Fuel Costs	\$5,661,757.79
4. Fuel Cost Recovered Through Intersystem Sales	\$3,977.34
5. Total Fuel Cost (Line 1 + 2 + 3 - 4)	\$73,949,635.60
6. Total System Sales Excluding Intersystem Sales (KWH)	1,899,099,201
7. Fuel Cost per KWH Sales (Line 5 / Line 6)	\$0.038939
8. Less Base Cost per KWH	\$0.032780
9. Fuel Adjustment per KWH (Line 7 - Line 8)	\$0.00616

SOUTH CAROLINA ELECTRIC AND GAS COMPANY
ELECTRIC BASE FUEL OVER/UNDER RECOVERY REVENUE COMPUTATION

June 2013

The computation for Electric Base Fuel Over/Under Recovery Revenue is as follows:

	<u>KWH</u>	<u>FACTOR</u>	<u>REVENUE</u>
	1,899,099,201		
LESS:			
INTERNATIONAL PAPER STAND-BY	2,087,680		
MUNICIPALS	83,374,446		
	—————	—————	—————
KWH SUBJECT TO SURCHARGE	1,813,637,075	0.00616	11,172,004

South Carolina Electric & Gas Company
Monthly Calculation of Variable Environmental Cost Recovery
June 2013

Version:

Total Monthly Environmental Costs

SO2 Allowances	\$ 90,738.88
NOx Allowances	\$ 970.06
Lime	\$ 675,055.10
Ammonia	\$ 240,285.41
Less: Env. Costs in System Sales	\$ -
Other	\$ -
Total	\$1,007,049.45

Allocation and Recovery of Costs

(Col. A)	Demand Allocation (Col. B)	Allocated Environmental Cost (Col. C)	KWH Sales (Col. D)	Environmental Factor (per KWH) (Col. E)	Environmental Cost Collected (Col. F)	(Over)/Under Recovery (Col. G)	Environmental Prior Period Adjustment(s) (Col. H)	Total for Booking Purposes (Col. I)
Residential	46.59%	\$ 469,184	625,736,867	\$ 0.00079	\$ 494,332	\$ (25,148)	\$ (18,887)	\$ (44,035)
Small General Service	17.50%	\$ 176,234	276,708,117	\$ 0.00066	\$ 182,627	\$ (6,393)	\$ (7,094)	\$ (13,487)
Medium General Service	10.27%	\$ 103,424	197,793,674	\$ 0.00055	\$ 108,787	\$ (5,363)	\$ (4,164)	\$ (9,527)
Large General Service**	<u>21.89%</u>	<u>\$ 220,443</u>	<u>689,659,740</u>	<u>\$ 0.00036</u>	<u>\$ 248,278</u>	<u>\$ (27,835)</u>	<u>\$ (8,874)</u>	<u>\$ (36,709)</u>
Retail Totals:	96.25%	\$ 969,285	1,789,898,398		\$ 1,034,024	\$ (64,739)	\$ (39,019)	\$ (103,758)

SOUTH CAROLINA ELECTRIC AND GAS COMPANY
BASE FUEL COSTS REPORT
MAY, 2013 - APRIL, 2014

	Actual			Forecast		
	May, 2013	Jun, 2013	Jul, 2013	Aug, 2013	Sep, 2013	Oct, 2013
1. Fossil Fuel Costs						
2. Nuclear Fuel Costs	\$ 46,054,570	\$ 63,014,844	\$ 60,744,000	\$ 59,707,000	\$ 49,953,000	\$ 48,412,000
3. Fuel Costs in Purchased Power and Interchange Received	\$ 5,460,445	\$ 5,277,011	\$ 5,082,000	\$ 5,082,000	\$ 4,920,000	\$ 5,136,000
4. Less: Fuel Costs in Intersystem Sales	\$ 11,311,363	\$ 5,661,758	\$ 14,636,000	\$ 14,552,000	\$ 9,927,000	\$ 133,000
5. Total Fuel Costs (Lines 1+2+3-4)	\$ 18,460	\$ 3,977	\$ 147,000	\$ 115,000	\$ 251,000	\$ 87,000
6. Total System Sales Excluding Intersystem Sales (KWH)	\$ 62,807,918	\$ 73,949,636	\$ 80,315,000	\$ 79,226,000	\$ 64,549,000	\$ 53,594,000
7. Total Fuel Cost Per KWH Sales	\$ 1,695,991,574	\$ 1,899,099,201	\$ 2,291,800,000	\$ 2,073,100,000	\$ 1,771,600,000	\$ 1,771,600,000
8. Less Base Fuel Cost Per KWH Included in Rates	\$ 0.037033	\$ 0.038939	\$ 0.035045	\$ 0.034569	\$ 0.031136	\$ 0.030252
9. Fuel Adjustment Per KWH						
10. Retail KWH Sales	\$ 0.00425	\$ 0.00616	\$ 0.00227	\$ 0.00179	\$ (0.00164)	\$ (0.00253)
11. Over / Under Recovery Revenue	\$ 6,882,958	\$ 11,172,004	\$ 4,987,871	\$ 3,926,186	\$ (3,268,028)	\$ (4,306,060)
12. Carrying Costs	\$ 68,661	\$ 82,905	\$ 84,921	\$ 88,622	\$ 87,681	\$ 84,545
13. Fixed Capacity Charges & Adjustments	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)
14. Unbilled Fuel Cost Recovery Adjustment	\$ (3,049,411)	\$ (5,300,208)	\$ (1,627,016)	\$ 986,268	\$ 3,895,355	\$ 2,909,172
15. Net Over / Under Recovery Revenue	\$ 2,318,625	\$ 4,371,118	\$ 1,862,193	\$ 3,417,493	\$ (868,575)	\$ (2,895,926)
16. Cumulative (Over) Under Balance	\$ 96,530,585	\$ 100,901,703	\$ 102,763,896	\$ 106,181,389	\$ 105,312,814	\$ 102,416,888
	Actual			Forecast		
	Nov, 2013	Dec, 2013	Jan, 2014	Feb, 2014	Mar, 2014	Apr, 2014
17. Fossil Fuel Costs	\$ 38,220,000	\$ 46,676,000	\$ 50,833,000	\$ 44,526,000	\$ 40,339,000	\$ 50,460,000
18. Nuclear Fuel Costs	\$ 4,963,000	\$ 5,136,000	\$ 5,109,000	\$ 4,604,000	\$ 5,109,000	\$ 495,000
19. Fuel Costs in Purchased Power and Interchange Received	\$ 12,407,000	\$ 13,653,000	\$ 13,452,000	\$ 11,154,000	\$ 10,443,000	\$ 14,307,000
20. Less: Fuel Costs in Intersystem Sales	\$ 305,000	\$ 495,000	\$ 399,000	\$ 546,000	\$ 392,000	\$ 123,000
21. Total Fuel Costs (Lines 1+2+3-4)	\$ 55,285,000	\$ 64,970,000	\$ 68,995,000	\$ 59,738,000	\$ 55,499,000	\$ 65,139,000
22. Total System Sales Excluding Intersystem Sales (KWH)	\$ 1,603,100,000	\$ 1,819,000,000	\$ 2,027,500,000	\$ 1,912,300,000	\$ 1,717,900,000	\$ 1,687,800,000
23. Total Fuel Cost Per KWH Sales	\$ 0.034486	\$ 0.035717	\$ 0.034030	\$ 0.031239	\$ 0.032306	\$ 0.038594
24. Less Base Fuel Cost Per KWH Included in Rates	\$ 0.03278	\$ 0.03278	\$ 0.03278	\$ 0.03278	\$ 0.03278	\$ 0.03278
25. Fuel Adjustment Per KWH	\$ 0.00171	\$ 0.00294	\$ 0.00125	\$ (0.00154)	\$ (0.00047)	\$ 0.00581
26. Retail KWH Sales	\$ 1,532,000,000	\$ 1,737,100,000	\$ 1,939,600,000	\$ 1,836,900,000	\$ 1,641,800,000	\$ 1,616,100,000
27. Over / Under Recovery Revenue	\$ 2,619,720	\$ 5,107,074	\$ 2,424,500	\$ (2,828,826)	\$ (771,646)	\$ 9,389,541
28. Carrying Costs	\$ 83,023	\$ 83,001	\$ 83,620	\$ 85,090	\$ 81,819	\$ 89,041
29. Fixed Capacity Charges & Adjustments	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)	\$ (1,583,583)
30. Unbilled Fuel Cost Recovery Adjustment	\$ (2,525,248)	\$ (3,626,211)	\$ (353,346)	\$ 5,685,315	\$ (747,898)	\$ (1,224,965)
31. Net Over / Under Recovery Revenue	\$ (1,406,088)	\$ (19,719)	\$ 571,191	\$ 1,357,996	\$ (3,021,308)	\$ 6,670,034
32. Cumulative (Over) Under Balance	\$ 101,010,800	\$ 100,991,081	\$ 101,562,272	\$ 102,920,268	\$ 99,898,960	\$ 106,568,994

Forecasted carrying costs are calculated using the latest actual carrying cost factor. For June 2013, the annualized factor is 1.301%.

South Carolina Electric & Gas Company
Cumulative Retail Variable Environmental Cost Recovery

Month	Actual		Jul, 2013		Aug, 2013		Forecast	
	May, 2013	Jun, 2013					Sep, 2013	Oct, 2013
Beginning Balance	\$ 711,615	\$ 879,260	\$ 654,742	\$ 526,185	\$ 483,074	\$ 483,074	\$ 199,121	\$ 199,121
Retail Cost Allocation	\$ 1,124,359	\$ 969,285	\$ 1,208,920	\$ 1,235,909	\$ 790,820	\$ 790,820	\$ 915,614	\$ 915,614
Revenue Recovery	\$ 886,417	\$ 1,034,024	\$ 1,303,813	\$ 1,298,702	\$ 1,154,393	\$ 1,154,393	\$ 947,888	\$ 947,888
Monthly (Over)/Under	\$ 237,942	\$ (64,739)	\$ (94,893)	\$ (62,793)	\$ (363,573)	\$ (363,573)	\$ (32,274)	\$ (32,274)
Adjustments	\$ -	\$ (39,019)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unbilled Environmental Adj.	\$ (70,297)	\$ (120,760)	\$ (33,664)	\$ 19,682	\$ 79,620	\$ 79,620	\$ 60,065	\$ 60,065
Ending Balance	\$ 879,260	\$ 654,742	\$ 526,185	\$ 483,074	\$ 199,121	\$ 199,121	\$ 226,912	\$ 226,912

Month	Nov, 2013		Dec, 2013		Jan, 2014		Forecast		
							Feb, 2014	Mar, 2014	Apr, 2014
Beginning Balance	\$ 226,912	\$ 630,675	\$ 1,125,612	\$ 852,342	\$ 852,342	\$ 852,342	\$ 652,012	\$ 652,012	\$ 506,215
Retail Cost Allocation	\$ 1,294,368	\$ 1,570,405	\$ 882,763	\$ 758,286	\$ 758,286	\$ 758,286	\$ 792,952	\$ 792,952	\$ 751,442
Revenue Recovery	\$ 839,548	\$ 1,001,473	\$ 1,148,481	\$ 1,075,640	\$ 1,075,640	\$ 1,075,640	\$ 921,902	\$ 921,902	\$ 886,769
Monthly (Over)/Under	\$ 454,820	\$ 568,932	\$ (265,718)	\$ (317,354)	\$ (317,354)	\$ (317,354)	\$ (128,950)	\$ (128,950)	\$ (135,327)
Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unbilled Environmental Adj.	\$ (51,057)	\$ (73,995)	\$ (7,552)	\$ 117,024	\$ 117,024	\$ 117,024	\$ (16,847)	\$ (16,847)	\$ 33,116
Ending Balance	\$ 630,675	\$ 1,125,612	\$ 852,342	\$ 652,012	\$ 652,012	\$ 652,012	\$ 506,215	\$ 506,215	\$ 404,004

SCE&G**Analysis of Prepaid Municipal Fees****As of June 30, 2013**

	<u>Electric</u>
Prepaid Municipal Fee Balance at December 31, 2012	\$42,832,214
Less Current Year Amortization	(\$19,662,228)
City of Columbia Adjustment	(\$2,331,277) {1}
Unamortized Balance of Prior Year Prepayment	<u>\$20,838,709</u>
Plus: Current Year Prepayments for 2014	\$42,365,162
Prepaid Municipal Fee Balance at June 30, 2013	<u><u>\$63,203,871</u></u>

{1} In connection with the Richland County penny sales tax increase that became effective in May 2013, the City of Columbia lowered SCE&G's municipal franchise fee from 5% to 3%. This adjustment reflects the resulting pro-rata decrease in SCE&G's 2013 fee.



Monthly Event Report

Report Period: 6/1/2013 - 6/30/2013

Print Date: 7/12/2013

	Event #	Started	Completed	Dur	Type	Verbal Description	Probable Cause/Corrective Action
Canadys	11	6/1/2013	Unit: 2	6/2/2013 8:37:00 AM	32.62	RS Economic Dispatch	
Canadys	11	6/15/2013 8:56:00 PM	6/18/2013 7:31:00 AM	58.58	MO Boiler Leak Repairs		Two watertall boiler tube leaks were repaired.
Canadys	11	6/15/2013 8:56:00 PM	Event Type Totals:	RS 58.58	MO		
Jasper	13	6/2/2013 12:45:00 AM	6/3/2013 2:19:00 PM	37.57	RS Economic Dispatch		
Jasper	17	6/8/2013 11:16:00 PM	6/10/2013 10:12:00 AM	34.93	RS Economic Dispatch		
Jasper	18	6/11/2013 5:36:00 AM	6/11/2013 8:20:00 AM	2.73	RS Economic Dispatch		
Jasper	23	6/5/2013 11:21:00 PM	6/8/2013 7:54:00 AM	56.55	RS Economic Dispatch		
Jasper	24	6/14/2013 11:58:00 PM	6/15/2013 7:30:00 AM	7.53	RS Economic Dispatch		
Jasper			Event Type Totals:	RS 64.08	RS		
Jasper							
Jasper							
Urquhart	15	6/14/2013 5:40:00 PM	6/25/2013 8:25:00 AM	254.75	RS Economic Dispatch		
Urquhart	16	6/28/2013 11:32:00 PM	6/30/2013 11:59:59 PM	48.47	RS Economic Dispatch		
Urquhart	17	6/1/2013	6/8/2013 1:55:00 PM	181.92	RS Economic Dispatch		
Urquhart	18	6/14/2013 1:31:00 AM	6/14/2013 5:05:00 PM	15.57	RS Economic Dispatch		
Urquhart	19	6/17/2013 1:25:00 AM	6/17/2013 2:54:00 PM	13.48	RS Economic Dispatch		
Urquhart	20	6/19/2013 10:44:00 PM	6/24/2013 5:50:00 AM	103.10	RS Economic Dispatch		
Urquhart			Event Type Totals:	RS 303.22	RS		
Urquhart							
Urquhart							
Urquhart	16	6/24/2013 7:00:00 AM	6/27/2013 9:47:00 AM	74.78	MO Burner Management System		Trouble-shoot Gas Igniters and repair as needed. Also upload software upgrades for new BMS and DCS.
Urquhart	13	6/1/2013	6/11/2013 8:19:00 AM	248.32	RS Economic Dispatch		

Event #	Started	Completed	Dur	Type	Verbal Description	Probable Cause/Corrective Action
14	6/14/2013 8:47:00 AM	6/17/2013 1:47:00 AM	65.00	RS	Economic Dispatch	
15	6/23/2013 8:08:00 PM	6/24/2013 7:00:00 AM	10.87	RS	Economic Dispatch	
17	6/28/2013 10:16:00 PM	6/30/2013 11:53:59 PM	49.73	RS	Economic Dispatch	
Urquhart		Unit: 5				
21	6/14/2013 5:42:00 PM	6/14/2013 11:53:59 PM	6.30	MO	Maintenance Outage	To support system relay work.
24	6/20/2013 7:00:00 AM	6/23/2013 4:00:00 PM	81.00	MO	Maintenance Outage	To support system relay work.
		Event Type Totals: MO	87.30			
23	6/18/2013 9:00:00 AM	6/20/2013 7:00:00 AM	46.00	RS	Economic Dispatch	
25	6/23/2013 4:00:00 PM	6/25/2013 2:34:00 AM	34.57	RS	Economic Dispatch	
26	6/28/2013 11:33:00 PM	6/30/2013 11:59:59 PM	48.45	RS	Economic Dispatch	
		Event Type Totals: RS	129.02			
22	6/15/2013	6/18/2013 9:00:00 AM	81.00	U1	Turbine High Pressure Shaft	Loss of power to turbine turning gear motor at unit shutdown.
		Event Type Totals: U1	81.00			
Urquhart		Unit: 6				
22	6/17/2013 1:26:00 AM	6/17/2013 1:24:00 PM	11.97	MO	Maintenance Outage	To support system relay work.
24	6/20/2013 7:00:00 AM	6/22/2013 11:30:00 PM	64.50	MO	Maintenance Outage	To support system relay work.
		Event Type Totals: MO	76.47			
20	6/1/2013	6/8/2013 9:47:00 AM	177.78	RS	Economic Dispatch	
21	6/14/2013 1:33:00 AM	6/14/2013 3:17:00 PM	13.73	RS	Economic Dispatch	
23	6/19/2013 10:46:00 PM	6/20/2013 7:00:00 AM	8.23	RS	Economic Dispatch	
25	6/22/2013 11:30:00 PM	6/24/2013 1:43:00 AM	26.22	RS	Economic Dispatch	
		Event Type Totals: RS	225.96			
Urquhart		Total Event Hrs:	1665.74			
Wateree		Unit: 1				
15	6/11/2013 7:00:00 AM	6/11/2013 7:00:00 PM	12.00	D1	Wet Coal	The plant received 5.1 inches of rain between June 5 and June 10, 2013.
16	6/12/2013 12:00:00 PM	6/12/2013 7:00:00 PM	7.00	D1	Wet Coal	The plant received 5.1 inches of rain between June 5 and June 10, 2013.
17	6/17/2013 8:30:00 AM	6/17/2013 7:00:00 PM	10.50	D1	Wet Coal	The plant received 0.5 inches of rain between June 13 and June 17, 2013.
		Event Type Totals: D1	29.50			
Wateree		Unit: 2				
10	6/11/2013 7:00:00 AM	6/11/2013 7:00:00 PM	12.00	D1	Wet Coal	The plant received 5.1 inches of rain between June 5 and June 10, 2013.
11	6/12/2013 11:00:00 AM	6/12/2013 7:00:00 PM	8.00	D1	Wet Coal	The plant received 5.1 inches of rain between June 5 and June 10, 2013.

Event #	Started	Completed	Dur	Type	Verbal Description	Probable Cause /Corrective Action
12	6/14/2013 10:00:00 AM	6/14/2013 7:00:00 PM	9.00	D1	Wet Coal	The plant received 1.9 inches of rain between June 9 and June 13, 2013.
13	6/17/2013 12:00:00 PM	6/17/2013 7:00:00 PM	7.00	D1	Wet Coal	The plant received 0.5 inches of rain between June 13 and June 17, 2013.
		Event Type Totals:	D1	36.00		
		Wateree Total Event Hrs:		65.50		
		Williams Unit: 1				
		6/30/2013 11:59:59 PM	720.00	U2	Main Steam Line	Main steam line repair.
		Event Type Totals:	U2	720.00		
		Williams Total Event Hrs:		720.00		
		FH Fleet Grand Total:		2681.75		

PLANT PERFORMANCE DATA
UNIT AVAILABILITY FACTOR
(PERCENTAGE) 2013

**PLANT PERFORMANCE DATA
UNIT CAPACITY FACTOR
(PERCENTAGE) 2013**

11-Jul-13

PLANTS	Summer NET MW	Winter NET MW	* JAN	* FEB	* MAR	* APR	* MAY	* JUN	* JUL	* AUG	* SEP	* OCT	* NOV	* DEC	* YTD	
McMeekin McMeekin	#1 #2	125 125	125 125	24.57 26.74	9.75 12.95	71.05 73.66	0.00 0.00	43.78 36.27	63.49 62.88							35.90% 35.82%
	#3	95	96	0.00	0.00	10.78	0.00	2.85	23.81							6.27%
Wateree Wateree	#1 #2	342 342	342 342	21.95 49.48	65.56 0.00	67.49 0.00	73.03 0.00	70.66 37.47	71.07 71.04							61.45% 26.67%
Williams		605	610	80.53	81.88	85.35	55.35	52.70	0.00							59.37%
Cope		415	415	73.05	78.56	24.69	47.38	71.58	81.60							62.54%
Kapstone		85	85	69.29	86.03	87.01	77.70	72.77	76.73							78.13%
Fossil w/o Kapstone	Totals	2344	2350	48.98	47.55	46.82	34.97	47.47	51.79							
Fossil with Kapstone	Totals	2429	2435	49.68	48.89	48.22	36.46	48.35	52.66							46.27% 47.39%
Urq. Combined Cycle 5		162	177	37.51	48.80	46.49	67.74	21.93	41.72							43.85%
Urq. Combined Cycle 1		64	65	51.53	68.30	61.36	81.12	26.72	51.60							56.50%
Urq. Combined Cycle 6		168	176	0.00	2.70	8.16	15.43	37.62	38.76							16.93%
Urq. Combined Cycle 2		64	66	0.00	4.00	11.05	18.08	47.92	49.11							21.60%
Jasper Combined Cycle 1		156	171	69.02	77.86	76.89	79.13	64.74	80.82							74.63%
Jasper Combined Cycle 2		164	177	77.41	77.31	77.40	80.06	58.72	83.20							75.66%
Jasper Combined Cycle 3		147	174	64.67	73.41	75.36	86.99	66.98	82.03							74.51%
Jasper ST		385	402	55.30	59.01	58.76	58.99	47.88	64.66							57.36%
Combined Cycle	Totals	1310	1408	48.99	54.91	55.37	61.74	47.58	63.30							
V.C.S. (S.C.E.G.) (S.C.P.S.A.)	MW	966	966	102.3	102.5	72.6	94.6	102.3	101.7							55.20%
System w/o Kapstone	Totals	4298	4402	64.27	65.45	58.63	59.16	63.46	70.40							95.88%
System with Kapstone	Totals	4383	4487	64.36	65.83	59.16	59.52	63.64	70.53							63.51% 63.79%

System includes Fossil, Combined Cycle, and V.C. Summer Units

MONTH: Jun-13

HOURS GENERATOR ON LINE: 720.0

UNIT AVAILABILITY FACTOR: 100.0

V.C. Summer, Unit 1

Monthly Outage Report For June-13

OUTAGE NO.	START TIME	END TIME	HOURS DURATION	TYPE	REASON FOR OUTAGE	CORRECTIVE ACTION
------------	------------	----------	----------------	------	-------------------	-------------------

N/A. There were no Unit Shutdowns during June 2013.